



a second cylinder having a longitudinal axis which is also the longitudinal axis of the first cylinder, the first and second cylinders being relatively displaceable along said axis;

a second piston, said second piston being located within said second cylinder for axial movement relative thereto and co-operating therewith to enclose a second liquid filled chamber having a second volume;

a connecting member attaching the pistons so that the pistons move in unison, with the cylinders moving relative to each other and relative to the pistons;

ducting extending from each chamber providing for restricted flow of liquid with respect thereto resulting from changes in said first volume and said second volume due to relative displacement between the cylinders; and

mountings for securing said first and second cylinders to a body of a vehicle and a wheel suspension of said vehicle, respectively.

53. (New) The shock absorber of claim 52 further including:

a further piston, said further piston being mounted for axial movement in one of the cylinders and co-operating therewith to enclose the chamber of said one cylinder and to further enclose with said one cylinder a gas chamber so that said further piston separates the liquid filled chamber of said one cylinder and the gas chamber of said one cylinder.

54. (New) The shock absorber of claim 53 wherein said gas chamber is operatively associated with a valve for adjusting gas pressure in the gas chamber.

55. (New) The shock absorber of claim 53 further including:

a third cylinder;

a third piston, said third piston being movably mounted in said third cylinder for axial movement relative thereto and co-operating therewith to enclose a first sub-chamber and a second sub-chamber, with said further piston separating the sub-chambers;

ducting connecting the first sub-chamber with one of said chambers so as to provide for the flow of liquid therebetween; and wherein

said gas chamber contains a gas.

56. (New) The shock absorber of claim 55 when said second sub-chamber is operatively associated with a valve for adjusting gas pressure in the second sub-chamber.

57. (New) The shock absorber of claim 52 further including:

a first coil spring, said first spring being operatively associated with said first cylinder and having an end portion attached to said connecting member;

a second coil spring, said second spring being operatively associated with said second cylinder and having an end portion attached to said connecting member, and wherein

the coil springs are compressed upon relative displacement of the cylinders toward each other.

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